

# W. E. MARSHALL & CO.

146 West Twenty-third Street -:- New York

## MARSHALL'S COLLECTIONS OF CHOICE BULBS

14600



#### INDOOR COLLECTION OF BULBS 50 Bulbs for 50c, for Pots and Winter Flowering

- 12 Jonquils, Campernelle.
  3 Hyacinths, 3 Colors.
  3 White Roman Hyacinths.
  4 Tulips, Single Scarlet.
  4 Tulips, Double White.

- 3 Narcissus, Paper White. 3 Narcissus, Trumpet Major.
- 3 Oxalis, Buttercup. 12 Freesia Refracta Alba.
- If ordered by mail, 20c. extra for postage

#### HARDY COLLECTION OF BULBS 50 Bulbs for 50c. for Outside Planting

- 2 Hyacinths, Red.2 Hyacinths, White.2 Hyacinths, Blue.

- 10 Snowdrops.
- 6 Tulips, Single Mixed.

- 6 Tulips, Double Mixed.
  - 6 Narcissus, Single. 6 Narcissus, Double.
- 10 Crocus, Mixed Colors.

If ordered by mail, 20c. extra for postage

#### COLLECTION OF BULBS FOR HOUSE CULTURE PRICE. \$2.50

- 6 White Roman Hyacinths.
- 6 Fine Named Dutch Hyacinths.
- 6 Fine Mixed Dutch Hyacinths.
- 12 Fine Mixed Single Tulips.
- 12 Fine Mixed Double Tulips.
- 30 Mixed Crocus.
- 6 Polyanthus Narcissus.

- 6 Trumpet Narcissus, Princeps. 6 Double Narcissus, Von Sion. 6 Poet's Narcissus.
- 12 Mixed Spanish Iris.
- 6 Campernelle Jonquils,
- 6 Scilla Sibirica.
- 6 Freesia Refracta Alba.

#### COLLECTION OF HARDY BULBS FOR OUTDOOR GULTURE PRICE, \$2.00

- 6 Mixed Single Red Hyacinths, 6 Mixed Single Blue Hyacinths, 6 Mixed Single White Hyacinths, 24 Mixed Early Tulips, 50 Mixed Crocus,

- 12 Mixed Double Anemones.

- 6 Scilla Sibirica.
- 12 Spanish Iris.
- 6 Double White Narcissus.
- 6 Butter-and-Egg Narcissus.
- 6 Snowdrops.



#### HYACINTH GLASSES

Tall and Tye Shapes, various colors. Each, 15c.; doz......\$1 60

#### HYACINTHS

Outdoor Culture.-The bulbs may be planted any time from October to December—the earlier the better. They succeed in any good, well-drained garden soil. Set the bulbs so that the tops will be 3 or 4 inches below the surface and 6 to 10 inches apart. Before very severe weather comes on, cover the beds with straw, leaves or manure, to protect them from the frost, but care should be taken that this covering is not too thick, as the bulbs are as likely to be injured by being kept too warm as by freezing; this should be removed in March, or when danger from hard frost is past.

Pot Culture.—Plantings may be made at any time from September to December, though October is the best time. A light, rich soil, with a mixture of well-rotted cow or sheep malight, rich soil, with a mixture of well-rotted cow or sneep manure, is most suitable. Use a 4 or 5 inch pot, and have the top of the bulb just above the surface. After potting, give a good watering and set away in a cool cellar or outhouse and cover over with coal-ashes or some litter until thoroughly rooted; they may then be brought as wanted for a succession of flowers into

a moderately warm, light room.

Culture in Glasses.—When it is desired to grow Hyacinths in water, they should be placed so that the base of the bulb, merely touches the water. The glasses should then be set in a cool, dark closet, or in the cellar, until filled with roots, when they may be brought into the light. Give as much fresh air as possible without letting the plants stand in a draught, and as possible with a term of the plants stand in a daught, and as possible at a temperature of sixty degrees until the spikes are developed. To put them at once into a room with a temperature of, say, seventy degrees, would cause them to flower prematurely.



Single Hyacinth

#### **EXHIBITION HYACINTHS**

Single Red, Rose and Pink

Amy. Bright dark red. Cardinal Wiseman, Light rose; large Gertrude. Beautiful bright pink; large. Gigantea. Light rose; large spike. General Pelissier. Deep crimson, Lord Macaulay. Rose, striped carmine.

Morena. Beautiful blush. Norma. Waxy pink. Robert Steiger. Deep crimson; large truss. Roi des Belges. Dark red; very fine. Rosea Maxima. Delicate rose, fine spike.

#### Single White and Blush

Alba Superbissima. Pure white, Baroness Van Tuyll. White, primrose eye; large truss. Grandeur a Merveille. Blush white; large spike. Grand Blanche. Blush white; large.

Grand Vedette. Pure white. La Grandesse. Pure white; immense bells and truss. L'Innocence. Pure white; extra large bells. Voltaire. Blush white.

#### Single Blue and Purple

Czar Peter. Light porcelain-blue. Grand Maitre. Deep porcelain. King of the Blues. Clear dark blue. Leonidas. Bright blue; large spike.

Marie. Splendid; deep blue. Pieneman. Clear blue; extra. Queen of the Blues. Large, light blue. Schotel. Light blue; splendid flower.

#### Single Yellow

Ida. Pure yellow. Hermann. Orange yellow.

Obelisque. Fine deep yellow; large

All named Hyacinths on this page 12 cents each; \$1.25 per dozen

If ordered by mail, add 20 cents per dozen for postage.

#### SELECTED NAMED HYACINTHS—Second Size Bulbs

These Hyacinths being of distinct shades, uniform height, and blossoming at the same time, are strongly recommended where the finest effects are required for winter forcing and spring flowering.

Single Pink. Gigantea Norma. Single Red. Robert Steiger, Gertrude, General Pelissier.

Single White. La Grandesse, Mme, Van der Hoop, Baroness van Thuyll, Alba Superbissima. Single Blue. Charles Dickens, light; Grand Lilas, light; Leonidas, bright; King of the Blues, dark.

Price, 10c. each; \$1.00 per doz.; \$8.00 per 100; \$75.00 per 1,000.



# HYACINTHS-For Bedding and Forcing

Very desirable for bedding, also for growing in water or pots. These bulbs are the best quality, but not as large as the named varieties.

#### Single Varieties.

	Each.	Doz.	100
Rose and Pink		\$0 60	\$4 00
Red shades		60	4 00
White		60	4 00
Blue, light shades		60	4 00
Blue, dark shades		60	4 00
Yellow		60	4 00
All colors, mixed.	05	60	4 00

#### Double Varieties

Double A	arrei	ics.	
	ach.	Doz.	100
Rose and Pink\$0	05	\$0 60	\$4 00
Red shades	05	60	4 00
White	05	60	4 00
Blue, light shades.	05	60	4 00
Blue, dark shades	05	60	4 00
Yellow	05	60	4 00
All colors, mixed.	05	60	4 00
If ordered by mail, add	10 0	cents per	dozen

#### ROMAN HYACINTHS

The flowers are delightfully fragrant, and each bulb will throw up from three to four spikes. For forcing, three or four bulbs are generally planted in a pot. The pots must be kept in a cool and dark place until they fill with roots, when the flower spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown and extremely early; and by making successive plantings they may be had in flower all through the winter.

Pure White Roman.	Doz.	100	Each, Doz. 100	ş
Extra selected largest size bulbs\$0 06	\$0.60	\$1.00	First size \$0 or \$0 to \$2 to	0
Selected Bulbs. First		3 50	Double Rose Roman, of 60 3 9	0

#### ITALIAN HYACINTHS

Each. Doz. 100 | Each. Doz. 100 | Each. Doz. 100 | Single White Italian. \$0 06 \$0 60 \$4 00 | Single Yellow...... \$0 10 \$1 00 \$6 00

If ordered by mail, add 10 cents per dozen for postage.

#### TIILIPS

Tulips for bedding are the most popular and effective of all hardy bulbous plants. In our descriptions we give the color and average height to which they grow. For pot culture and forcing for winter cut-flowers they are invaluable.

The cultural directions given for Hyacinths on page I are equally applicable to Tulips, except that the bulbs, being smaller, must not be planted quite so deep. Four inches to the bottom of the bulb is deep enough, and a distance of 5 to 6 inches between the bulbs is sufficient. They may be planted in October and November, before the ground freezes. For pot culture, a compost of two parts loam to one part light manure, with some sand intermixed, is suitable. From three to five bulbs, according to size, in a 5-inch pot, are very effective. The pots should be buried until the bulbs are well rooted, in the manner recommended for Hyacinths.



A, B and C indicate season of flowering, A and B may be planted to flower about the same time in the open ground; C flowers later. The figures indicate average height in inches.



Artus. Bright scarlet, fine bedder, B, 7\$  Belle Alliance. Brilliant deep scarlet, A, 8.  Bizard Verdict. Brilliant carmine, gold-striped.  Canary Bird. Rich golden yellow; fine for forcing, A, 8  Chrysolora. Pure yellow; large flower; splendid bedder, A, 8  Cottage Maid. Rose, shaded with white, B, 8  Couleur Cardinal. Rich crimson; large and beautiful, C, 7  Crimson King. Scarlet-crimson, C, 8  Duchesse de Parma. Orange-red, margined with yellow, B, 8  Joost Van Vondel. Cherry-red and white, B, 8.  L'Immaculee. Pure white; very early, B, 8  Keizerkroon. Crimson-scarlet, bordered with clear yellow, B, 9.  La Reine. White, lightly shaded with rose, A, 7.  Mon Tresor. Large; pure yellow; early forcer, B, 8  Pottebakker Scarlet. Bright scarlet; large, B, 8.  Pottebakker Scarlet. Bright scarlet; large, B, 8.  Pottebakker Yellow. Fine, pure yellow variety, A, 8.  Proserpine. Salmon-pink; very fine form; good forcer, B, 8.  Rosa Mundi Huikman. Rose and white, B, 8.  Rose Grisdelin. Dark rose and white, C, 7  Rose Luisante. Deep rose; beautiful large flower, C, 8	Cach.  0 05 05 05 05 05 05 05 05 05 05 05 05 05	Doz. \$0 30 50 25 30 30 60 30 30 30 30 30 30 30 30 30 30 30 30 30	100 \$2 25 3 50 1 75 2 00 1 75 2 00 1 75 2 00 1 75 3 00 1 75 3 00 2 25 2 25 2 25 4 00 1 75 2 25 4 00 1 75 3 00 1 75 1 75 1 75 1 75 1 75 1 75 1 75 1 75
Rose Grisdelin. Dark rose and white, C, 7	05	35	2 50
Thomas Moore. Buff-orange, shaded; distinct; fine bedder	05	40	4 50 2 50
Vermilion Brilliant. Vermilion; fine for forcing or bedding, B, 7	08	60	4 25
Yellow Prince. Bright yellow; sweet scented, B, 8	05	30	2 00
White Hawk. Large; pure white; fine for forcing, A, 7	06	50	3 00
MIXTURES OF EARLY SINGLE TULI		Doz.	100
Superfine Mixture. Brightest colors; largest flowering2 for	5c.	\$0 20	\$1 25
Separate Colors. Red, white, pink, yellow for	5c.	25	I 50

#### SINGLE DUC VAN THOL TULIPS

The Duc van Thols are the earliest of all the Tulips. They are of dwarf habit, and well adapted for forcing and for pot culture. They bloom outdoors before the early single Tulins.

	Height.		Doz.	100
Crimson Bright crimson	7 in.	3 for 10 cts.	\$0 25	\$1 50
Red. Bordered with yellow	7 "	3 for 10 cts.		I 75
Rose. Milky white, shading to beautiful rose.		3 for 10 cts.		3 00
Scarlet. Dazzling reddish scarlet	6 "	3 for 10 cts.		2 00
Yellow. Citron-yellow		2 for 10 cts.		3 00
White. Clear sating white	6 "	3 for 10 cts.	35	2 75

#### PARROT TULIPS

#### For outdoor cultivation only; not suitable for forcing

The petals of these have feathered edges, and in addition to other colors combine shades of green—a peculiarity confined to this class. The flowers are very singular and picturesque, of large size and brilliant color, and form very effective groups for the flower border. Very late in flowering,

	DOZ.	100
Constantinople. Crimson, tipped with orange	\$0 30	\$2 00
Lutea. Large; yellow	30	2 00
Perfecta. Yellow, spotted red	30	2 00
Finest Mixed. All colors	25	I 50

#### DOUBLE TULIPS



These flower but little later than the Single Early Tulips and are very ornamental either for bedding or forcing. The flowers last much longer than single varieties and are well adapted for beds on the lawn or borders.

Each. Doz. 100 Couronne d'Or. Beautiful orange-yellow; large handsome flower, A, 8,.....\$0 of \$0 fo \$4 50 Duke of York. Dark rose with white bor-

der, B, 8..... 04 30 2 00 Gloria Solis. Deep crimson, with yellow edge, B, 7..... 30 2 50 04 Helianthus. Crimson, with wide yellow border, B, 6..... 05 35 2 50 Imperator Rubrorum. Bright scarlet; very double, B, 8..... 06 60 4 00

La Candeur. Pure white; very large; excellent bedding sort, B, 8..... 0.1 30 2 00 05 30 2 00

Lady Grandison. Vermilion scarlet, A, 7..... Murillo. Blush white, shaded with rose; large, B, 7..... 05 50 3 50 Rex Rubrorum. Brilliant scarlet; fine for bedding with La Candeur, B. S..... 05 35 2 50 Tournesol. Bright scarlet, edged with yellow, B, 8...... 05 35 2 50 Tournesol Yellow. Golden yellow, shaded with orange, B, 8...... 07 60 4 00

MIXED DOUBLE TULIPS

All the best and most desirable varieties in mixture. Doz. 100 Superfine Mixed. All colors..... .2 for 5c. \$0 20 \$1 25

If Tulips are ordered by mail, add 5 cents per dozen for postage,

#### LATE OR MAY FLOWERING TULIPS

These flower in May; usually they are in full bloom about Memorial Day. They are very showy, and contain colors not found in any other class of Tulips. They are valuable for cut-flower use both to the amateur and florist. They are also in demand for bedding and for planting in clumps in borders of hardy perennials.

Bizarres. Flowers with yellow grounds, striped or feathered with		Doz.	100
Byblooms. White grounds, striped or marked with purple lilac	§0 05	\$0 35	\$2 00
or black. Bouton d'Or (Ida). The only late pure deep yellow; very beauti-	05	35	2 00
ful; fine for cutting	05	35	2 00
for cutting	05	40	2 50
Golden Crown. Deep yellow, edged red; fine for cutting	05	25	2 50 I 50
Golden Eagle. Deep yellow, with narrow orange-red fringe	05	35	2 00
Isabella, York and Lancaster. Rose and white; fine late sort	05	40	2 50
Darwin Tulips, mixed	05 08	35 80	2 50 3 50

#### **CROCUS**

For pots and borders. A universal favorite, being one of the earliest flowers seen in the spring. They are neat, dwarf and compact in growth, and the blooms are

of bright colors.

The bulbs should be set three inches deep, and be planted in October or early in November to insure success. They are very effective when combined with Snowdrops, Scilla sibirical Daffodils and other spring flowers. The Crocus can also be grown indoors either in pots or bulb pans in loam, or in dishes filled with wet moss, in which the bulbs are set closely, half an inch below the surface.

#### HYBRID NAMED CROCUS

These are composed of all the best and most beautiful varieties and are remarkable for richness of color and the immense size of their flowers.

Albion. Fine striped, Baron von Brunow. Dark purple. David Rizzio. Purple. King of the Blues. Very large.



Mont Blanc. Finest of all the whites. Non Plus Ultra. Blue, white-bordered. Queen Victoria, Fine white. Sir Walter Scott. Variegated.

Doz., 15 cts.; 100, 70 cts.; 1,000, \$5.50.

#### MIXED CROCUS

·	Doz.	100	1,000
Large White. Mixed shades	\$0 10	\$0 50	\$4 00
Large Dine and Purple. Mixed	TO	50	4 00
Large Striped and Variegated, Mixed	TO	50	4 00
Giant Golden Yellow	15	I 00	8 00
Large Golden Yellow.	10	50	4 50
Superb Mixture. All colors	10	50	4 00



Double Von Sion Narcissus

#### **NARCISSUS**

The beautiful species and varieties of Narcissus are the most popular and largely grown of springflowering bulbs. No garden should be without them. They are all of the easiest cultivation, thriving in almost any soil and situation, and they may be left alone for several years after once being planted. They do best in a partially shaded position. They are well adapted for planting in mixed flower or shrubbery borders. With the exception of the Polyanthus section, they are all perfectly hardy. Narcissi are also very suitable for growing in pots, requiring about the same treatment as Hyacinths, with three or four bulbs in a 5-inch pot.

#### DOUBLE NARCISSUS OR DAFFODILS

Each	. Doz.	100
Albus Plenus Odoratus, Snow white, Gardenia-flowered Daffodil \$0 o	3 \$0 25	\$1 50
Incomparabilis (Butter and Eggs). Rich lemon yellow o		I 75
Orange Phænix (Eggs and Bacon). White, with orange center;	) 50	1 /3
	4.0	0 40
excellent pot culture		2 50
Von Sion. The popular double yellow Daffodil; golden yellow o		2 50
Von Sion. Large selected "double-nosed" bulbs o	7 60	3 75
Mixed Double. All sorts 0	3 25	1 50
SINGLE NARCISSUS OR DAFFODILS		
Each		100
Ard Righ, or Irish King. A golden-yellow trumpet variety \$0 10	\$0 85	\$5 00
Barrii Conspicuus. Sulphur perianth, broad cup marked with	1	
scarlet	5 40	2 25
Bicolor Empress. An excellent forcer 0		3 50
Emperor. Flowers of great size and substance, yellow trumpet o		3 50
Golden Spur. One of the grandest Daffodils, with extra large,		
rich yeilow flowers. Early and free flowering o	5 50	3 50
Henry Irving. Trumpet and perianth. Rich yellow; very large o	5 40.	2 50
Horsfieldii. Very similar to Empress; perianth pure white;		
trumpet rich yellow	5 50	3 00
Incomparabilis Cynosure. Bright orange cup, white perianth or	25	I 50
Incomparabilis Sir Watkin. Golden crown, primrose perianth.	7 50	3 00
Poeticus (Pheasant's Eye). Pure white, with red cup; very fra-	J.T.	
grant; fine for cutting	3 20	80
Poeticus Ornatus. Same color as Poeticus, but flowers larger o	30	I 50
Princeps. Sulphur-yellow perianth and deep-yellow trumpet of	30	1 50
Single Von Sion. Yellow		2 25
Stella. White star-shaped flowers, with bright yellow cups or		1 50
Trumpet Major. Large, early; deep golden yellow. Fine for	, -5	1 20
forcing o	35	2 25
Mixed Single. All sorts		I 50
If ordered by mail, add 5 cents per dozen for postage.		

#### CHINESE SACRED NARCISSUS

(Joss Flower, or Flower of the Gods)



Chinese Narcissus.

These may be grown in pots of earth, and very satisfactorily in bowls, partially filled with pebbles and water. As the roots develop, they form a network about the pebbles, thus supporting the plant when in bloom. They should be started in the dark for 10 to 14 days and then grown in bright light, but carefully protected from draughts. The flowers are mostly white with yellow cups and are very fragrant.

EXTRA LARGE SELECTED BULBS, 10 cts. each; 3 for 25 cts.; \$1.00 per dozen.

If ordered by mail, add 5 cents per bulb for postage.

One Bulb, Bowl and Pebbles complete, 25 cts. Three Bulbs, Bowl and Pebbles, 40 cts. Pebbles, for filling Lily Bowls, 10 cts. per quart.

#### POLYANTHUS NARCISSUS

Beautiful, free-flowering, deliciously sweet-scented flowers, of the easiest culture; suitable for forcing or for growing in water in the same way as the Chinese Sacred Narcissus. They bear tall spikes of bloom, with from 6 to 20 flowers each. Bulbs planted in the open border in October and November stand the winter with protection.

Double, Roman. White, with orangecolored cup; very fragrant; 5 cts. each, 35 cts. per doz., \$2.00 per 100. Grand Monarque. White, with pale vellow cup; very large flower; 8

yellow cup; very large flower; 8 cts. each, 60 cts. per doz., \$4:00 per 100.

Grand Soleil d'Or. Yellow, with orange cup; very free flowering; 8 cts. each, 60 cts. per doz., \$3.50 per 100.

Paper White, Grandiflorus. The best Narcissus for growing in water. The flowers are large, attractive in color, and intensely fragrant. Place them in a shallow dish of water, with gravel or small stones at the bottom. Fine for pot culture, and largely grown by florists for cut flowers; 5 cts, each, 30 cts. per doz., \$2.00 per 100.

Mixed Polyanthus Narcissus. 5 cts. each, 40 cts. per doz., \$2.50 per 100.



Paper White Narcissus

If Polyonthus Narcissus are ordered by mail, add 10 cents per dozen for postage.

#### JONQUILS

A class related to the Narcissus, and suitable alike for pot culture or planting out. The culture required is the same as for Hyacinths.

	oz.	
Single Campernelle. Yellow, large flowers\$0	20	\$1 00
Odorus Rugulosus. Deep golden yellow, very fragrant; best for outside.		
Single, Sweet-Scented. Rich, yellow, fragrant	20	85
Double, Sweet-Scented. Rich, yellow, fine	30	2 00

#### ALLIUM

Fine for pot culture or garden decoration. They are of the easiest culture. Meapolitanum. Pure white, with green stamens, borne in large, loose umbels; height, 15 to 18 inches; 3 for 10 cents; doz., 20 cents; 100, \$1.25.



#### **AMARYLLIS**

A magnificent and interesting plant for pot culture, producing showy flowers that are very attractive and handsome. They should be grown in rich, sandy loam, with good drainage, and require abundant moisture when growing, but at their season of rest water should be given sparingly.

	Each.	Doz.
Belladonna Major. Large violet and white	\$0 20	\$2 00
Equestris (Barbadoes Lily). Bright orange-scar	-	
let, with white throat	. 15	I 50
Formosissima (Jacobian Lily). Brilliant scarlet	. 10	I 00
Johnsonii (Spice Lily). Crimson, striped with	1	
white	4.0	4 00
Longifolia rosea. Rose; hardy	25	2 50
Longifolia alba. White; hardy	25	2 50
Vittata. Hybrids mixed	. 60	6 00

#### **ANEMONES**

These are perfectly hardy roots, producing flowers of various hues and much beauty. They are highly deserving of cultivation.

The Bride. Pure white; large flowered	25 50	100 \$1 25 3 50
strong roots. 2 Whirlwind. Semi-double pure white 2 Choice Mixed Single. 2 Choice Mixed Double.	50	1 00 1 75

## (Glory of the Snow)

Most charming spring-flowering bulbs. They produce flower-spikes bearing ten to fifteen Scilla-like flowers. They are perfectly hardy, and will thrive in any good garden soil. Fine for pot culture for winter blooming.

Luciliæ. Bright blue, clear white center. Each, 2 cts.; per doz., 25 cts.; per 100, \$1.25.

Sardensis. Very deep blue. Each, 3 cts.; per doz., 25 cts.; per 100, \$1.25.

#### COLCHICUM. AUTUMN FLOWERING CROCUS

Very effective and handsome, hardy plants, the flowers of which come through the ground without leaves in the fall, the leaves appearing the following spring.

Autumnale Fl. Pl. (Meadow Saffron)	to TO	Doz. \$1 00	00 99
Autumnale. Mixed; all colors	10	50	5 00

#### CROWN IMPERIAL

Stately growing plants for outdoor culture, with dark green foliage and flowers of various shades of yellow and crimson. Mixed colors, 15c. each; \$1.25 per doz.

#### CALLA LILIES

Well-known plant, of easy culture; the only particular attention it requires is constant watering, and as warm a room as can be conveniently given it.

Black Calla. The plant produces a large, dark purple flower and green underneath. The leaves are a rich green color. Large bulbs, each, 15 cts.; doz., \$1.50.

"Little Gem" Calla. Very neat, dwarf habit; makes an excellent pot plant. To cts. each; \$1.00 doz.

Spotted Leaf Calla (Richardia Alba Maculata). Dark green foliage, beautifully spotted with white. Each, 10 cts.; doz., \$1,00.

White Calla (Richardia Æthiopica). The White Calla, or Lily of the Nile, is a well-known plant of easy culture, and in winter is one of our best window plants. To aid profuse blooming, keep them dormant from the middle of June until the last of August, repot in water, light and heat in abundance, and the good, rich soil, using 6 to 8 inch pot; give result will be most satisfactory. (See cut.)

Good roots, 10 cts. each; \$1.50 per doz, Extra large roots, 15 cts. each; \$1.50 per doz. Mammoth roots, 25 cts. each; \$2.50 per doz.

Yellow Calla, Elliottiana. The finest Yellow Calla; large, rich, deep golden flowers often 4 to 5 inches across at the mouth; habit of growth and foliage like the old favorite white Calla, excepting the leaves of Elliottiana are spotted with white. 25 cts. each; \$2.50 doz.



White Calla.

#### CYCLAMEN

Among the many charming plants which grace the greenhouse and sitting-room during the spring and winter months, few, if any, are so pretty and accommodating as the Cyclamen. The simplicity of its culture brings it within the reach of even those who can command no better accommodation than a sitting-room window.

Cyclamen Persicum Giganteum. Mixed colors. Each, 15 cts.; doz., \$1.50.

#### DIELYTRA SPECTABILIS (Bleeding Heart)

A well-known hardy plant, bearing in spring long racemes of deep rose pink, pendent flowers.

Each, 20 cts.; doz., \$2.00.

#### ERYTHRONIUM (Dog's Tooth Violets)

Perfectly hardy; variegated foliage; flowers are large, varying in color from white to deep purple.

#### Mixed Colors. 50c. per doz.; \$3.00 per 100.

FRITILLARIA MELEAGRIS Bear bell-shaped flowers of various colors-yellow, white, black, purple, striped and splashed. Hardy.

Mixed Colors. 40c, per doz.; \$2.00 per 100.





Freesia Refracta Alba.

#### FREESIA

This is one of the most beautiful of all Cape bulbs, possessing a peculiar grace of form, and its fragrance is most delightful, one pot of five or six bulbs being sufficient to perfume a whole house. As cut flowers, they are extremely valuable; the unexpanded blooms, opening in water, fill the air with the most delicate perfume, and their endurance is really remarkable.

Refracta Alba, Pure white. One of the most popular and charming bulbs for pot culture, flowering in the winter in the conservatory or window garden. They force very easily, and can be had in bloom by Christmas if started in pots in the month of September. Plant half a dozen bulbs in a 4-inch pot, in good rich soil, water well, and keep them at a temperature of 60 degrees.

Mammoth Bulbs. Pure white. Each, 5 cts.; doz., 30 cts.; 100, \$2.00; 1,000, \$15.00 First Size Bulbs. Each, 3 cts.; doz., 20 cts.; 100, \$1.25; 1,000, \$10.00.

Second Size Bulbs. Doz., 15 cts.; 100, \$1.00; 1,000, \$8.00.

Purity. A magnificent, snowy white of very large size and great length of stem. A truss bearing from eight to ten buds, of which six are often open at one time.

Each, 7 cts.; doz., 60 cts.; per 100, \$4.50.

Snow White. A distinct type producing large sprays of purest snow white flowers of immense size and deliciously fragrant; it is very free blooming and of great value for forcing for cut flowers. Doz., 50 cts.; 100, \$2.00; 1,000, \$17.50.

#### GLADIOLUS COLVILLEI

Early flowering and fine for pot culture. They will last in water for weeks after being cut, and as the flowers are smaller than autumn-flowering sorts they make up well for bouquets. They are hardier than most of the Gladioli, but will not stand severe winters without covering.

Alba (The Bride). White, very beautiful. Two for 5 cts.; doz., 25 cts.; 100, \$1.50. Colvillei. Purple striped. Each, 5 cts.; doz., 35 cts.; 100, \$2.00. Peach Blossom. Lovely new variety; good winter forcer; delicate rosy blushblotched rose and cream. Doz., 50 cts.; 100, \$3.50.

#### GRAPE. MUSK AND FEATHER HYACINTHS

Adapted for permanent beds and edgings and partly shaded situations; they should be massed together to produce effect. Perfectly hardy. Very satisfactory when six or eight are grown in a pot and treated as other Hyacinths for winter blooming.

#### GRAPE HYACINTHS

Flower spikes about 6 inches high, with small round bells, resembling a bunch of

Blue. Two for 5 cts.; 15 cts. per doz.; 80 cts. per 100. White, 5 cts. each; 20 cts. per doz.; \$1.00 per 100.

#### MUSK HYACINTHS

Small purplish flowers, with a strong Musk odor. Each, 5 cts.; doz., 50 cts.

#### FEATHER HYACINTHS

Feathery plume-like spikes, 9 to 12 inches high. Excellent for the garden. Each, 5 cts.; doz., 30 cts.; 100, \$1.50.

#### IRIS

The flowers of this family are the richest and most varied in color of any hardy garden plants, and for cut flowers are invaluable. They have been aptly named the "Orchid of the flower garden,"

English (Anglica). Large, handsome flowers, with rich purple, blue and lilac colors predominating. Perfectly hardy. Mixed varieties. Each, 5 cts.; doz., 30 cts;

100, \$2.00,

German (Germanica). This variety is true "Fleur-de-Lis," the national flower of France. They are perfectly hardy, thrive anywhere. Mixed varieties. Each, 5 cts.; doz., 30 cts.; 100, \$2.00.

Kaempferi, or Japan Iris. The Japan Iris is perfectly hardy, and flowers in great profusion in July and August. Mixed varieties. Each, 15 cts.; doz., \$1.50.

Spanish (Hispanica). This variety is well adapted for pot culture.

C:-1-	That our ways	Doz.	100
Spanisn	Belle Chinoise. Yellow; extra	So 25	\$1 25
66	British Queen. Large; pure white; very fine.	73	
66	Caianus Doop molder and	25	I 25
46	Cajanus. Deep golden yellow	25	1 25
	Chrysolora. Bright yellow	25	I 25
16	Darling. Bright blue	23	
6.6	Walenn Dala blue shaded tile	25	I 25
45	Helena. Pale blue, shaded lilac	30	I 25
	Leonidas. Dark violet-blue	20	1 50
"	Louise. Pale blue, slightly spotted	39	
46	Driver of Oracle Bightly Spotted.	25	I 25
46	Prince of Orange. Bronze and orange.	30.	I 50
**	Snowball (Blanchfleur). White, with pale center	25	I 25
6.6	Superfine Mixedper 1,000, \$5.00	23	
	buperinte Wixedper 1,000, \$5,00	10	75

#### IXIAS

Very desirable for pots or for the open ground. If planted out they require covering during the winter.

Extra Choice Mixture. Two for 5 cts.; doz., 20 cts.; 100, \$1.00. Named varieties. Doz., 40 cts.; 100, \$2.50.

#### LILY OF THE VALLEY



(Ready for Delivery in November.)

For open ground planting we offer large clumps, each containing many flowering crowns. These may be set from six inches to a foot apart and covered three inches. They succeed best in ground which is rather moist and partially shaded.

For forcing, the pips are to be preferred, being grown under conditions tending to promote vigorous and early

blooming. Twelve to eighteen pips may be planted in a 6inch pot, with all the fibrous roots carefully preserved, and keeping the crowns above the soil. Place them in a temperature of about 80 degrees, cover the crowns with loose moss. and keep them constantly moist with tepid water.

Best Berlin. First-class selected pips for forcing. Doz., 30 cts.; 100, \$2.00; 1,000, \$18.00.

Hamburg. Strongest pips for late winter and spring forcing. Doz., 25 cts.; 100, \$1.75; 1,000, \$15.00.

Large Dutch Clumps. Each contains many flowering pips; best for planting in the open ground. Each, 30 cts.; doz., \$3.00; 100, \$25.00.

Cold Storage Berlin Pips. 100, \$2.25; 1,000, \$20.00.



#### LILIES

The Lily is a favorite flower everywhere. Lilium candidum does best when planted in August or September. This variety is valuable for forcing, and is used extensively for this purpose. The method is to plant the bulbs in 6-inch pots, barely covering them with soil, then plunge them in the garden in a warm, sheltered place, and let them remain there until the pots are well filled with roots, after which they may be removed to the house or conservatory, where they will flower in eight or ten weeks.

In forcing L. Harrisii or L. longiflorum, plant them in 6-inch pots half filled with rich soil, sink the bulbs, leaving just the tips exposed. After the bulb has thrown its stem above the top of the pot, fill the pot with rich soil, composed mostly of well-rotted cow manure, as these bulbs throw out rootlets from the stem of the bulb.

#### LILIUM HARRISII

The Bermuda Easter Lily is perhaps the finest and most popular of winter-blooming plants. The large, handsome, pure white trumpet-shaped flowers are very sweet-scented and of great substance, and last a long time after cutting. Its stately and graceful habit renders it a perfect pot-plant for table or winter decoration.

					circumference\$0 circumference	12		\$8 00
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#### LILIUM LONGIFLORUM MULTIFLORUM

The well-known beautiful, snow-white fragrant Lily; fine for forcing and hand-some in the garden.

I need also butter as a state of the state o	Each.	Doz.	100
Large size bulbs, 7 to 9 inches in circumference.	\$0 15	\$1 50	\$10 00
Extra large size bulbs, 9 to 10 inches in circumference	. 20	2 00	I5 00

#### LILIUM LONGIFLORUM GIGANTEUM

This dark-stemmed variety flowers somewhat later than Multiflorum, but the flowers are of larger size, of great substance and perfect form. In great demand.

Right sign half- 6 to 9 to 1	Each.	Doz.	100
First size bulbs, 6 to 8 inches.	.\$0 10	\$1 00	\$7 00
Extra large size bulbs, 8 to 10 inches	_ 20	2 00	16 00

# LILIUM CANDIDUM (St. Joseph, or Annunciation Lily)

This is the old-fashioned garden Lily. It is perfectly hardy, blooming in the open ground in June. The many snow-white flowers borne on a stem 3 to 4 feet high make this Lily most effective. Very large bulbs, ready for delivery in September. 15 cts. each; \$1.50 per doz.; \$0.00 per 100.

#### HARDY LILIES

#### For Outdoor Planting, or Growing in Pots

(Ready in November.)

When grown in the border or open ground, they should remain undisturbed for years, frequent removals being injurious. In the Autumn give the bulbs a heavy mulching of leaves; coarse manure or boughs will prove highly beneficial. Plant all Lilies at least six inches deep.

Auratum (Golden-rayed Japanese Lily). Flowers 6 to 8 inches in width, pure white, with a wide band of gold running through the center of each petal and numerous crimson spots.



Lilium Speciosum.

	Each.	Doz.	100
Extra large bulbs, 9 to 11 inches\$	0 20	\$2 00	\$12 00
Mammoth size bulbs	30	3 00	22 00
Henryi. A new Japanese Lily. It is similar to the Speciosum			
varieties, but the flowers are bright orange-yellow		75	7 50
Speciosum album. Beautiful pure white flowers of large size; 2 to		, ,	, 0
4 feet high; one of the handsomest and easiest grown lilies.			
8 to 9 inch bulbs	15	I 50	10 00
9 to II inch bulbs	30	3 00	15 00
Speciosum rubrum or roseum. White and spotted rose; 2 to 4	0 -	0	5
feet high.			
8 to 9 inch bulbs	12	1 25	8 00
9 to II inch bulbs	20	2 00	14 00
Speciosum melpomene. Very dark crimson-spotted flowers	20	2 00	15 00
8 to 9 inch bulbs	15	I 50	12 00
9 to II inch bulbs	25	2 50	15 00
Superbum (Turk's Cap Lily). Deep orange-red, thickly spotted;			
4 feet	IO	I 00	6 00
Tenuifolium (Siberian Coral Lily). Nodding, rich scarlet flow-			
ers; 1½ feet	20	2 00	12 00
Tigrinum (Tiger Lily). Orange-salmon, spotted black	IO	I 00	6 00
Tigrinum flore pleno (Double Tiger Lily). Bright orange-red,			
black spots	12	I 25	8 00
Washingtonianum. Very fragrant flowers, changing from pure		_	
white to various shades of purple or lilac	30	3 00	20 00

### ORNITHOGALUM ARABICUM (Star of Bethlehem)

Very desirable for pot culture in the window garden. The flowers are large, pure white, with black center, borne on a tall spike. In pots they should be treated in the same manner as the Hyacinth. Each, 5 cts.; doz., 40 cts.; 100, \$3.00.

#### PAEONIES

(Ready in October.)

The old-fashioned double Pæonies are too well known to require description. Their popularity is due to their great merits—their easy culture, the handsome appearance of the plant, and the brilliant and striking effect of their massive, finely formed, richly colored flowers. Among hardy herbaceous perennials, the Chinese Pæonies rank about first for lawn or flower-border or shrubbery decoration.

	Each.	Doz.
Double Mixed White	\$0 25	\$2 50
Double Mixed Crimson	25	2 50
Double Mixed Pink	25	2 50
Double Mixed All Colors	20	2 00

#### **OXALIS**

A class of small bulbs, producing vast quantities of flowers during the autumn and winter months; they are very desirable for planting in hanging baskets. They are casily grown in sandy soil, seven or cight bulbs in a four or five inch pot. Keep in moderate temperature.

Buttercup. A splendid winter-blooming plant for pot culture. The flowers are pure bright yellow, and produced in great abundance. It is very easily cultivated, and, being a strong grower, only one or two bulbs should



ance. It is very easily culti-		
vated, and, being a strong grow- Oxalis Buttereup		
er, only one or two bulbs should Each	. Doz.	100
be planted in a five or six inch pot	\$0.25	\$1.70
Grand Duchess. Flowers are large, often measuring 3 inches in	9 40 33	AT 12
diameter, and are borne well above the foliage, the leaves		
being large, clover-shaped, handsome. A very profuse		
bloomer, and will remain in flower for months. Pink, white		
and lavender 05	35	2 00
Lutea. Yellow. Two for 5 cts.		2 00
Pubelle Been le	25	I 25
Rubella. Purple	40	2 00
versicolor. Crimson and white. Two for 5 cts	25	
Mixed. Two for 5 cts	15	I 00
	13	1 00

#### RANUNCULUS

Gorgeous dwarf flowers, easily grown in pots for winter blooming, or in cold-frames for spring. Eight roots may be potted in a 6-inch bulb-pan; they should be covered one inch. The colors include shades of white, yellow, crimson and purple, some being almost black. They are very effective for decoration, either as potterns or cut.

Doz. 100

| Doz. |



Scilla Sibirica.

#### SCILLA

Extremely hardy, early flowering bulbs, thriving in any situation and worthy of more general cultivation. The bulbs of Scilla sibirica should be planted three inches deep.

Sibirica. Flowers bright blue, of compact growth, five to six inches high; beautiful in combination with Snowdrops or Crocuses; also excellent for forcing in pans; extra large bulbs. Doz., 30 cts.; 100, \$1.75; 1,000, \$15.00.

Bifolia. Most beautiful, bright blue flowers borne

should be extensively planted; they are also fine for forcing......\$0 25 \$1 50 feet high. Each flower measures nearly 1 inch across and droops gracefully; perfectly hardy; also fine for pot culture. We offer the following colors:

 Campanulata, Major, Blue
 25
 1 50

 Campanulata, White
 35
 2 00

 Campanulata, Rose
 35
 2 00

#### SNOWDROPS

The charming Snowdrop is the first of all flowers to herald the approach of spring. It can frequently be seen in bloom when the ground is white with snow, as it takes every advantage and hastens to display its graceful snow-white bells before the winter has disappeared. As the bulbs are small, they should be planted liberally in order to obtain immediate results.

Elwes' Giant Snowdrops. An exceedingly large and beautiful single variety; flowers snow-white, with emerald-green tube. 15 cts. doz.; 100, \$1.00; 1,000, \$8.00.

Single. Pure white graceful bells: early flowering. 15 cts. doz.; 100, \$1.00; 1,000, \$8.00. Double. Flowers perfectly double, pure white. 25 cts. doz.: 100, \$1,75; 1,000, \$15.00.



#### **SPARAXIS**

Beautiful flowers, about 2 inches across, borne on long, graceful spikes; the colors are of the brightest shades. The bulbs are not hardy, but do exceptionally well when grown in the conservatory or house in pots or in cold frames, and flower during the winter and spring, Mixed Colors, 20 cts, doz.; 100, \$1,00,



Spiræa Japonica.

#### SPIRAEA

(Ready in November.)

Splendid plants for forcing in the greenhouse or the conservatory, where they produce beautiful sprays of flowers during February and March; they are perfectly hardy, and, when planted outside, flower in June. The dark green foliage resembles some of our well-known ferns.

Astilboides Floribunda. Very large, pure white plumes, bronzed foliage, Each, 15 cts.; doz., -\$1,50,

Compacta Multiflora. Flowers larger than the above, plants more compact in growth. Each, 15 cts.; doz., \$1.50.

Gladstone. A new and much-improved varicty, producing enormous spikes of pure white flowers in great profusion; the best Spiræa grown. Each, 20 cts.; doz., \$2.00.

Japonica. Elegant and graceful; large feathery, pure white, sweet-scented flowers. Each, 15 cts.; doz., \$1.50.

Palmata. Rosy; crimson; strong clumps. Each, 15 cts.; doz., \$1.50; 100, \$7.00.

Queen Alexandra. A grand novelty, and bound to take with the florist or the retail customer. The color is a delightful soft pink; very free-flowering; growing as freely as the white types. You cannot afford to be without it. Each, 50 cts.; doz., \$5.00.

Washington. Pure white, 11/2 to 2 feet high; sturdy habit, strong clumps. Each, 20 cts.; doz., \$2.00.

#### STRAWBERRY PLANTS



Pot-grown Strawberry.

Those marked (P.) have pistillate, or imperfect flowers, and must be planted near perfect-flowering kinds, in order that the flowers may be fertilized. The varieties not so marked are bi-sexual, or perfect-flowering, and can be planted alone.

Brandywine. Remarkably vigorous; berries are large and of excellent quality. Medium to late.

Bubach (P.). A leading variety; berries large and handsome; plant of strong growth and exceedingly productive.

Excelsior. One of the very earliest to ripen. It is large, of good quality and is a very valuable variety, either in the home garden or for market.

Gandy. Perfect flower. The berries are of mammoth size and shape, of a bright crimson; one of the best late sorts introduced; flavor of superior quality.

Glen Mary. Perfect flower. Plants robust, strong growers, with clean foliage. Fruit nearly round, of a light red color and of excellent flavor.

Hunn (P.). Very productive, large size, uniform shape, dark crimson, firm flesh of the finest flavor. A strong grower. Late.

Johnson's Early. Time of ripening second early; berries are above medium in size, very prettily colored, and extra fine quality.

Marshall. A superb variety, especially desirable for its large size and fine flavor; dark crimson when fully ripe; handsome and good. Its excellent quality, fine flavor and large size render it admirable for table usc. Mid-season.

New York. Has few if any superiors, large to very large, fine flavor; very prolific.

Nick Ohmer. This is one of the most promising of the new varieties. Fruit is of the largest size, dark, glossy red, firm and of excellent quality. Perfect blossom.

President (P.). A most remarkable variety; ripening in mid-season. For large size, beauty, great productiveness and high quality it stands very high among strawberries.

Sharpless. Berries large. Somewhat irregular in shape; crimson, moderately firm, of good quality.

Schofield. A very heavy producer, of large, bright red berries of fine quality. The foliage is large and a perfect type, growing tall and making ample protection for both bloom and berries, a point worthy of consideration. Season, early to late.

Uncle Jim. Makes a strong, healthy growth of very large foliage, similar to New York. This is an excellent berry for growers who want a fancy large berry for home use.

Wm. Belt. The berries are as large as Bubach, more perfect in shape, just as productive, and the color is perfect.

We can also furnish other varieties not named above at regular prices,

Pot-grown plants, if planted in the fall, will furnish a good crop of large, fine berries of the following season.

Pot-Grown Plants (ready about July 15th). Per 25, \$1.25; per 50, \$2.00; per 100, \$3.50. Layer Plants (ready about August 15th). Per doz., 30 cts.; per 100, \$1.25; per 1,000, \$8.00.

Catalogues of Trees, Perennials for Fall Planting mailed free on application.

# The Lenox Sprayer



Ant Destroyer, 1/4 lb., 30c.; 1/2 lb...\$0 40

Aphis Punk, per box of I doz. rolls. 60 Bordeaux Mixture. Per qt., 40c.; gal. I 25

Cedarine. Destroys ants; box.... 10

Fir-Tree Oil, 1/2 pt., 40c.; I pt., 75c.;

For spraying plants indoors and out, the Lenox Sprayer is one of the most serviceable devices. It substitutes a misty shower that supplies the plant most naturally and completely, which is necessary to real success with house plants. As a sprayer for using insecticides it is invaluable, ejecting a misty spray and reaching under the leaves where insects thrive.

Price, 35 cents each. By mail, with a cake of tobacco soap, 50 cents, postpaid.

Nico Fume Liquid. Pint......\$1 50

35c.; qt. can, 6oc.; gal. can..... I 75

Rose Leaf Insecticide. Per pt. can,

### Insecticides

Fir-Tree Oil Soap. ½ lb. tins, 25c.; 2 lbs. 75  Gishurst Compound. Per box. 50  Hammond's Grape Dust. 5 lbs. 35  Hammond's Slug Shot. Per lb., 10c.; 5 lbs., 30c.; 10 lbs., 50c; 100 lbs.  Kerosene Emulsion. Per qt., 40c.; 1 gal. 1 25  Lemon Oil. Per ½ pt., 25c.; 1 pt., 40c.; qt., 75c.; ½ gal., \$1.25; 1 gal. 2 25  "Nico-Fume" Tobacco-Paper. Can 24 sheets, 75c.; can 144 sheets. 3 50  Nicoticide. Pint. 2 50  Fumigators. For above, each. 75	Suiphur. Fer Ib., 10c.; 10-lb. 10ts. Suipho-Tobacco Soap. 3-02. box, 10c.; 8-0z. box. 2  Tobacco Dust. Lb., 10c.; 10 lbs., 65c.; 100 lbs	200
Fertil	izers	
Bone Meal. 5 lbs., 30c.; 10 lbs., 50c.; 100 lbs., \$2.75; 200 lbs\$5 00 Bone, Crushed. 100 lbs	Peat Orchid. Per bag	
Bonora. Good for flowering plants.  4-lb. pkg., 25c.; 1-lb. pkg., 50c.;  5-lb. pkg	50c.; 100 lbs	
Clay's Fertilizer. 56 lbs., \$4.00; 112 lbs 7 00 Moss Live Sphagnum for Orchids.	Plant Food. Per pkg	
Per bbl. 3 00  Moss Sphagnum for Packing, etc. Per bale. 3 00	75c.; 50 lbs., \$1.25; 100 lbs., \$2.00; ton35 00	
Per bale	Soot, Scotch. 100 lbs	0
60c.: 100 lbs	112 lbs 7 00	0

# Bulb Catalogue



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146 West Twenty-third Street Between Sixth and Seventh New York

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# RURAL BOOKS

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NEW YORK

# He Who Reads and Studies

There is no person in the world, it matters not who he is, or what his lot or part in life is, that can ever fit himself to occupy a higher position or win a better place in the world, socially or commercially, if he does not read or study.

The great need today of agriculture is the wide dissemination

among the people of a correct knowledge of the science and practice on all farm problems. As a means of becoming acquainted with the details of the latest and most improved methods of farm practice, the farmer should read and interest himself in good books and literature.

There is no excuse for the progressive farmer not owning a

There is no excuse for the progressive farmer not owning a select library of good books covering his chosen field, as books to-day are sold very cheaply, enabling him to procure at small cost that which will give him an opportunity to advance and make progress for himself, his family and friends.

On the following pages will be found a list of Standard Agricultural Reference Books. This list contains the most comprehensive, complete, concise, up-to-date and authoritative farm books ever published. The reader may safely follow the instructions given in them, and expect to get profitable results.

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A B C Agriculture	2.00
Manual of Agriculture, Emerson & Flint	1 00
Chemistry of the Farm, R. Warrington	1.00
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Farm Conveniences	1.00
Farmers' Cyclopedia of Agriculture, Wilcox and Smith3.50	4.50
Farm Machinery and Farm Motors, Davidson and Chasenet	
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Jackson and Daughertynet	1.50
Jackson and Daughertynet Cereals in America, Thos. F. Hunt	1.75
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Ten Acres Enough, I. P. Roberts	1.00
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	1.25
Soils and Crops of the Farm, Morrow and Hunt	
	1.00
Draining for Profit and Draining for Health, G. E. Waring	1.00
Irrigation for the Farm, Garden and Orchard, Henry Stewart	1.00
	1.00
Forage Crops Other Than Grasses, Thomas Shaw	1.00
	1.00
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Our Farm of Four Acres and the Money We Made by It	,30
	1.00
How Crops Grow, Samuel W. Johnson	1.50
Bommer's Method of Making Manures, George Bommer	.25
Spraying Crops, C. M. Weed	.50
	.50
	1.50
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	1.00
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